

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/586,191
Source: IFWP
Date Processed by STIC: 07/26/2006

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/586,191

DATE: 07/26/2006
TIME: 14:27:01

Input Set : A:\G06-0038seq.txt
Output Set: N:\CRF4\07262006\J586191.raw

3 <110> APPLICANT: Takeda Pharmaceutical Company Limited
5 <120> TITLE OF INVENTION: DRUG FOR PREVENTING AND TREATING ARTERIOSCLEROSIS
7 <130> FILE REFERENCE: G06-0038
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/586,191
C--> 9 <141> CURRENT FILING DATE: 2006-07-14
9 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/000733
10 <151> PRIOR FILING DATE: 2005-01-14
12 <150> PRIOR APPLICATION NUMBER: JP 2004-9383
13 <151> PRIOR FILING DATE: 2004-01-16
15 <160> NUMBER OF SEQ ID NOS: 6
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 362
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapience
22 <400> SEQUENCE: 1
23 Met Arg Arg Pro Ser Leu Leu Leu Lys Asp Ile Leu Lys Cys Thr Leu
24 5 10 15
25 Leu Val Phe Gly Val Trp Ile Leu Tyr Ile Leu Lys Leu Asn Tyr Thr
26 20 25 30
27 Thr Glu Glu Cys Asp Met Lys Lys Met His Tyr Val Asp Pro Asp His
28 35 40 45
29 Val Lys Arg Ala Gln Lys Tyr Ala Gln Gln Val Leu Gln Lys Glu Cys
30 50 55 60
31 Arg Pro Lys Phe Ala Lys Thr Ser Met Ala Leu Leu Phe Glu His Arg
32 65 70 75 80
33 Tyr Ser Val Asp Leu Leu Pro Phe Val Gln Lys Ala Pro Lys Asp Ser
34 85 90 95
35 Glu Ala Glu Ser Lys Tyr Asp Pro Pro Phe Gly Phe Arg Lys Phe Ser
36 100 105 110
37 Ser Lys Val Gln Thr Leu Leu Glu Leu Leu Pro Glu His Asp Leu Pro
38 115 120 125
39 Glu His Leu Lys Ala Lys Thr Cys Arg Arg Cys Val Val Ile Gly Ser
40 130 135 140
41 Gly Gly Ile Leu His Gly Leu Glu Leu Gly His Thr Leu Asn Gln Phe
42 145 150 155 160
43 Asp Val Val Ile Arg Leu Asn Ser Ala Pro Val Glu Gly Tyr Ser Glu
44 165 170 175
45 His Val Gly Asn Lys Thr Thr Ile Arg Met Thr Tyr Pro Glu Gly Ala
46 180 185 190
47 Pro Leu Ser Asp Leu Glu Tyr Tyr Ser Asn Asp Leu Phe Val Ala Val
48 195 200 205
49 Leu Phe Lys Ser Val Asp Phe Asn Trp Leu Gln Ala Met Val Lys Lys
50 210 215 220

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51 Glu Thr Leu Pro Phe Trp Val Arg Leu Phe Phe Trp Lys Gln Val Ala
 52 225 230 235 240
 53 Glu Lys Ile Pro Leu Gln Pro Lys His Phe Arg Ile Leu Asn Pro Val
 54 245 250 255
 55 Ile Ile Lys Glu Thr Ala Phe Asp Ile Leu Gln Tyr Ser Glu Pro Gln
 56 260 265 270
 57 Ser Arg Phe Trp Gly Arg Asp Lys Asn Val Pro Thr Ile Gly Val Ile
 58 275 280 285
 59 Ala Val Val Leu Ala Thr His Leu Cys Asp Glu Val Ser Leu Ala Gly
 60 290 295 300
 61 Phe Gly Tyr Asp Leu Asn Gln Pro Arg Thr Pro Leu His Tyr Phe Asp
 62 305 310 315 320
 63 Ser Gln Cys Met Ala Ala Met Asn Phe Gln Thr Met His Asn Val Thr
 64 325 330 335
 65 Thr Glu Thr Lys Phe Leu Leu Lys Leu Val Lys Glu Gly Val Val Lys
 66 340 345 350
 67 Asp Leu Ser Gly Gly Ile Asp Arg Glu Phe
 68 355 360
 70 <210> SEQ ID NO: 2
 71 <211> LENGTH: 1086
 72 <212> TYPE: DNA
 73 <213> ORGANISM: Homo sapience
 75 <400> SEQUENCE: 2
 76 atgagaaggc ccagctgtt attaaaaagac atcctcaa at gta cattgct tgtgtttgga 60
 77 gtgtggatcc ttatatacct caagttaa at tatactactg aagaatgtga cataaaaaaa 120
 78 atgcattatg tggaccctga ccatgtaaag agagctcaga aatatgctca gcaagtcttg 180
 79 cagaaggaat gtcgtccaa gtttgc caag acatcaatgg cgctgttatt tgagcacagg 240
 80 tatagcgtgg acttactccc ttttgc aaggccccca aagacagtga agctgagtc 300
 81 aagtacgatc ctcctttgg gttccggaaat ttctccagta aagtccagac cctcttgaa 360
 82 ctcttgccag agcacgaccc cctgaaacac ttgaaagcca agacctgtcg ggcgtgtgt 420
 83 gttattggaa gcccggaaat actgcacggc tttagaactgg gccacaccct gaaccagg 480
 84 gatgttgc taaggttaaa cagtgcacca gttgaggat attcagaaca tttttggaaat 540
 85 aaaactacta taaggatgac ttatccagag ggcgcaccac ttttgcaccc tttttggaa 600
 86 tccaatgact tattttttgc ttttttattt aagagtgttgc atttcaactg gtttcaagca 660
 87 atggtaaaaa aggaaaccct gccattctgg gtacgactct tttttggaa gcagggtggca 720
 88 gaaaaaatcc cactgcagcc aaaacatttc aggatttgc atccagttt catcaaagag 780
 89 actgcctttg acatccctca gtactcagag cctcagtttca gtttctgggg ccgagataag 840
 90 aacgtccccca caatcggtgt cattggcggt gtcttagcca cacatctgtc cgatgaagtc 900
 91 agtttggcggttggata tgacctcaat caaccaggaa cacctttgca ctacttcgac 960
 92 agtcaatgca tggctgttat gaactttcag accatgcata atgtgacaac gaaaccac 1020
 93 ttccctttaa agctggtaa agagggagtg gtgaaagatc tcagtgagg cattgatcgt 1080
 94 gaattt 1086
 96 <210> SEQ ID NO: 3
 97 <211> LENGTH: 21
 98 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
 101 <220> FEATURE:
 102 <223> OTHER INFORMATION: Primer
 104 <400> SEQUENCE: 3

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105 taatcggaag tggcggata c 21
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 21
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Primer
115 <400> SEQUENCE: 4
116 ctccggccca gaaccttgac c 21
118 <210> SEQ ID NO: 5
119 <211> LENGTH: 54
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Nucleotide Sequence for shRNA
126 <400> SEQUENCE: 5
127 gaagacccag cttgttaatg tgtgctgtcc attaacaagc tgggtcttct tttt 54
129 <210> SEQ ID NO: 6
130 <211> LENGTH: 54
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Nucleotide Sequence for shRNA
137 <400> SEQUENCE: 6
138 gccaatgatt tgtcgttag tgtgctgtcc taacgaacaa atcattggct tttt 54

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/586,191

DATE: 07/26/2006

TIME: 14:27:02

Input Set : A:\G06-0038seq.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date